

Title (en)

TWO-STAGE PNEUMATIC CONVEYING PROCESS FOR RUBBER COOLING.

Title (de)

ZWEIPHASIGES PNEUMATISCHES TRANSPORTVERFAHREN ZUR KÜHLUNG VON GUMMI.

Title (fr)

PROCEDE DE TRANSPORT PAR VOIE PNEUMATIQUE EN DEUX PHASES POUR LE REFROIDISSEMENT DU CAOUTCHOUC.

Publication

EP 0528821 B1 19950719 (EN)

Application

EP 91907948 A 19910415

Priority

- US 9102570 W 19910415
- US 51224690 A 19900420

Abstract (en)

[origin: WO9116185A1] A process for cooling rubber crumb wherein the rubber crumb is presented for cooling to a first stage pneumatic conveyor containing a hot wet first stage air stream. The rubber crumb is cooled in the first stage pneumatic conveyor to a first temperature, whereupon the cooled rubber crumb is separated from the first stage air stream and transferred to a second stage air stream of cool dry air. A second stage pneumatic conveyor transports the rubber crumb in the second stage air stream for additional cooling.

IPC 1-7

B29B 15/02; B29B 13/04; F26B 17/10; B29K 21/00

IPC 8 full level

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CPC (source: EP KR US)

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Citation (examination)

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WO 9116185 A1 19911031; AU 641107 B2 19930909; AU 7689091 A 19911111; BR 9106361 A 19930427; CA 2078993 A1 19911021; CA 2078993 C 19941018; DE 69111442 D1 19950824; DE 69111442 T2 19960104; EP 0528821 A1 19930303; EP 0528821 B1 19950719; JP 2588810 B2 19970312; JP H05506194 A 19930916; KR 0149875 B1 19990515; KR 930700273 A 19930313; US 5070624 A 19911210

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